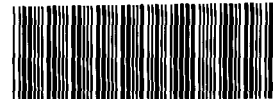


CORRECTION CONTROL
OUTGOING LETTER NO

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94 RF 04382

EG&G ROCKY FLATS

EG&G ROCKY FLATS INC
ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80402-0464 (303) 966 7000



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April 15 1994

94 RF 04382

J M Roberson
Acting Assistant Manager for
Environmental Restoration
DOE RFO

Attn T Reeves V F Witherill S G Grace

881 HILLSIDE COLLECTION WELL DAMAGE SGS 255 94

Recently it was determined that the collection well located upgradient of the french drain has been damaged by movement of the hillside. Samples were unable to be collected from this location during October and November of 1993. When sufficient water became available to sample at this location in late December 1993 it was discovered that the sample hydrant would not produce any water. It was assumed that the pump (P 100) was not operational. Tests performed by EG&G maintenance in January 1994 indicated that the pump was indeed operational. Environmental Operations Management personnel then requested the assistance of the EG&G Environmental Engineering group to determine the source of the problem and the appropriate measures to remedy the situation. It was felt by all parties involved that the problem was the result of a broken underground line that routes the water from the collection well to the collection well vault. Several issues were considered in determining the best possible remedy for the situation.

BURRIS, M
RUSBY, W S
CARLISLE, R
HARRIS, R Z

CORRECTION CONTROL
APPROVED BY (S)
T F C
PATS/T130G

CLASSIFICATION
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AUTHORIZED CLASSIFICATION
SIGNATURE
DOCUMENT CLASSIFICATION
REVIEW WATERS PER
CLASSIFICATION OFFICE
DATE

IN REPLY TO RFP CC NO

ACTION ITEM STATUS
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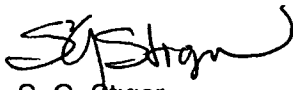
- 1) The collection well is located in an IHSS which creates health and safety concerns for excavation in the area. The consideration of a plutonium hot spot found in the nearby vicinity (discovered after the installation of the collection well) added to this concern.
- 2) Any excavation in the area might serve to accelerate movement of the hillside. This may cause increasing difficulties in ensuring that the same problem would not be experienced again.
- 3) Replacement of the underground line would be a costly and time consuming project which may yield ineffective results.

ADMIN RECORD

J M Roberson
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Page 2

In light of the circumstances involved it has been decided that the most effective course of action is develop a system to bring the water to the top of the collection well and utilize double containment piping to route the water above ground to the collection well vault This would allow for more efficient monitoring of any damage that may be incurred due to the movement of the hillside In addition no extraneous health and safety requirements would be necessary to perform this repair Current labor resources can be utilized and the line can be installed quickly once the parts have been received The underground line which extends approximately thirteen feet would be abandoned The current schedule for completion of the new line is May 2 1994

If you have any questions please feel free to call Russ Cirillo at extension 5876 or Mark Burmeister at extension 5891



S.G. Stiger
Associate General Manager
Environmental Restoration
EG&G Rocky Flats Inc

JRC la

Orig and 1 cc J M Roberson

cc

M H McBride DOE RFO
M N Silverman
L W Smith